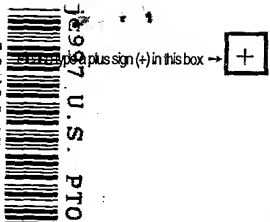


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PTO/SB/05 (1/88) +

Approved for use through 9/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION AND FEE TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))



27792
PATENT, TRADEMARK OFFICE

Attorney Docket No. MICR0261

Date: February 22, 2002

Inventor(s): **Michael K. Zyskowski**

Title **INTEGRATED AIRCRAFT FLIGHT DYNAMICS PREDICTION AND SIMULATION**

FULL NAME OF 1ST NAMED INVENTOR: Michael K. Zyskowski COUNTRY OF CITIZENSHIP: US
RESIDENCE ADDRESS OF INVENTOR: 19909 78th Avenue S.E., Snohomish, Washington 98296

APPLICATION ELEMENTS

ADDRESS TO: Director of the Patent and Trademark Office
Box Patent Application
Washington, DC 20231

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal (BELOW)
2. ☐ Applicant(s) claims small entity status. See 37 C.F.R. § 1.27.
3. ☒ Specification [Total Pages 27]
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 18] **[FORMAL]**
5. ☒ Oath or Declaration [Total Pages 2]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 17 completed) **[Note Item 5 below]**
 - ii. DELETION OF INVENTOR(S)
☐ Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 C.F.R. § 1.76
7. ☐ CD-ROM or CD-R in duplicated, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on: ☐ i. CD-ROM or CD-R (2 copies); or ☐ ii. Paper
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be itemized specifically)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)

J1040 U.S. PRO
10/082692
02/22/02

16. ☒ **NONPUBLICATION REQUEST:** Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

Request and Certification under 35 U.S.C. 122(b)(2)(B)(i)

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

This request must be signed in compliance with 37 C.F.R. 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

17. Other: _____

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) _____ of prior application No: _____ / _____

Prior application information: Examiner: _____ Group / Art Unit: _____

For **CONTINUATION OR DIVISIONAL APPLICATIONS** only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Correspondence address below:

LAW OFFICES OF RONALD M. ANDERSON
600 - 108th Avenue N.E., Suite 507
Bellevue, WA 98004

Telephone: 425-688-8816 Facsimile: 425-646-6314

| FEE TRANSMITTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------|---|----------|-------------------------------------|--------------|--|----------|--|------------|---|--------|---|----------|---|-------|--|--------|------------------|--------|--|--|--------------------------|--------|---|--|----------------------------------|--|------------------------------------|--|--------------------------------|--|------------------|--|-----------------|--|---------------------------|--|---|--|--|--|--|----|---|--|--|--|---------------------|--|--|--|--|--|--|--|---------------------|-------|
| METHOD OF PAYMENT (check one) | | FEE CALCULATION (continued) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number <u>01-1940</u> Deposit Account Name: <u>Law Offices of Ronald M. Anderson</u> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 & 1.17 Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance | | 3. ADDITIONAL FEES (Continued) <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%; text-align: left; padding: 2px;">Fee Description</th> <th style="width: 30%; text-align: center; padding: 2px;">Fee Paid</th> </tr> </thead> <tbody> <tr><td style="padding: 2px;">Requesting publication of SIR after Examiner action</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Extension for reply within first month</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Extension for reply within second month</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Extension for reply within third month</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Extension for reply within fourth month</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Extension for reply within fifth month</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Notice of Appeal</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Filing a brief in support of an appeal</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Request for oral hearing</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Petition to institute a public use proceeding</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Petition to revive - unavoidable</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Petition to revive - unintentional</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Utility issue fee (or reissue)</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Design issue fee</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Plant issue fee</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Petitions to the Director</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Petitions related to provisional applications</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Submission of Information Disclosure Statement</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Recording each patent assignment per property (times number of properties)</td><td style="border: 1px solid black; text-align: center; font-weight: bold;">40</td></tr> <tr><td style="padding: 2px;">Submission after final rejection (37 C.F.R. 1.129(a))</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Add'l invention to be examined (37 CFR 1.129(b))</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Other fee (specify)</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;"></td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;"></td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;"></td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr> <td style="text-align: right; padding: 2px;">SUBTOTAL (3)</td> <td style="border: 1px solid black; text-align: center; font-weight: bold;">\$ 40</td> </tr> </tbody> </table> | | Fee Description | Fee Paid | Requesting publication of SIR after Examiner action | | Extension for reply within first month | | Extension for reply within second month | | Extension for reply within third month | | Extension for reply within fourth month | | Extension for reply within fifth month | | Notice of Appeal | | Filing a brief in support of an appeal | | Request for oral hearing | | Petition to institute a public use proceeding | | Petition to revive - unavoidable | | Petition to revive - unintentional | | Utility issue fee (or reissue) | | Design issue fee | | Plant issue fee | | Petitions to the Director | | Petitions related to provisional applications | | Submission of Information Disclosure Statement | | Recording each patent assignment per property (times number of properties) | 40 | Submission after final rejection (37 C.F.R. 1.129(a)) | | Add'l invention to be examined (37 CFR 1.129(b)) | | Other fee (specify) | | | | | | | | SUBTOTAL (3) | \$ 40 |
| Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Requesting publication of SIR after Examiner action | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Extension for reply within first month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Extension for reply within second month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Extension for reply within third month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Extension for reply within fourth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Extension for reply within fifth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Notice of Appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Filing a brief in support of an appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Request for oral hearing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Petition to institute a public use proceeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Petition to revive - unavoidable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Petition to revive - unintentional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Utility issue fee (or reissue) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design issue fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plant issue fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Petitions to the Director | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Petitions related to provisional applications | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Submission of Information Disclosure Statement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recording each patent assignment per property (times number of properties) | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Submission after final rejection (37 C.F.R. 1.129(a)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Add'l invention to be examined (37 CFR 1.129(b)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other fee (specify) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SUBTOTAL (3) | \$ 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check (No. <u>5743</u>) Money Order Other Payment NOT Enclosed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FEE CALCULATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. BASIC FILING FEE <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%; text-align: left; padding: 2px;">Fee Description</th> <th style="width: 40%; text-align: center; padding: 2px;">Fee Paid</th> </tr> </thead> <tbody> <tr><td style="padding: 2px;">Utility filing fee</td><td style="border: 1px solid black; text-align: center;">\$ 740</td></tr> <tr><td style="padding: 2px;">Design filing fee</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Plant filing fee</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Reissue filing fee</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Provisional filing fee</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr> <td style="text-align: right; padding: 2px;">SUBTOTAL (1)</td> <td style="border: 1px solid black; text-align: center; font-weight: bold;">\$ 740</td> </tr> </tbody> </table> | | | | Fee Description | Fee Paid | Utility filing fee | \$ 740 | Design filing fee | | Plant filing fee | | Reissue filing fee | | Provisional filing fee | | SUBTOTAL (1) | \$ 740 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Utility filing fee | \$ 740 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plant filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reissue filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisional filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (1) | \$ 740 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. EXTRA CLAIM FEES <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%; text-align: left; padding: 2px;">Total Claims</th> <th style="width: 20%; text-align: left; padding: 2px;">Extra Claims</th> <th style="width: 20%; text-align: left; padding: 2px;">Fee from below</th> <th style="width: 20%; text-align: center; padding: 2px;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Independent</td> <td style="padding: 2px;">34-20 = 14</td> <td style="padding: 2px;">x \$18 =</td> <td style="border: 1px solid black; text-align: center;">\$ 252</td> </tr> <tr> <td style="padding: 2px;">Multiple</td> <td style="padding: 2px;">4- 3 = 1</td> <td style="padding: 2px;">x \$84 =</td> <td style="border: 1px solid black; text-align: center;">\$ 84</td> </tr> <tr> <td style="padding: 2px;">Dependent</td> <td style="padding: 2px;">-0-</td> <td style="padding: 2px;">x \$280 =</td> <td style="border: 1px solid black; text-align: center;">\$ -0-</td> </tr> <tr> <td colspan="3" style="text-align: right; padding: 2px;">SUBTOTAL (2)</td> <td style="border: 1px solid black; text-align: center; font-weight: bold;">\$ 336</td> </tr> </tbody> </table> | | | | Total Claims | Extra Claims | Fee from below | Fee Paid | Independent | 34-20 = 14 | x \$18 = | \$ 252 | Multiple | 4- 3 = 1 | x \$84 = | \$ 84 | Dependent | -0- | x \$280 = | \$ -0- | SUBTOTAL (2) | | | \$ 336 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Claims | Extra Claims | Fee from below | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Independent | 34-20 = 14 | x \$18 = | \$ 252 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple | 4- 3 = 1 | x \$84 = | \$ 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dependent | -0- | x \$280 = | \$ -0- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (2) | | | \$ 336 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FEES (SUBTOTALS (1) & (2)) | | \$ 1076 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. ADDITIONAL FEES <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td style="width: 60%; padding: 2px;">Surcharge - late filing fee or oath</td><td style="border: 1px solid black; width: 40%; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Surcharge - late provisional filing fee or cover sheet</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Non-English specification</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Request for reexamination</td><td style="border: 1px solid black; height: 20px;"></td></tr> <tr><td style="padding: 2px;">Requesting publication of SIR after Examiner action</td><td style="border: 1px solid black; height: 20px;"></td></tr> </tbody> </table> | | | | Surcharge - late filing fee or oath | | Surcharge - late provisional filing fee or cover sheet | | Non-English specification | | Request for reexamination | | Requesting publication of SIR after Examiner action | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surcharge - late filing fee or oath | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surcharge - late provisional filing fee or cover sheet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Non-English specification | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Request for reexamination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Requesting publication of SIR after Examiner action | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL FEES ENCLOSED: \$ 1116 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

 Typed/Printed Name Ronald M. Anderson

 Registration Number: 28,829

Signature

Ron Anderson

 Date: February 22, 2002

EXPRESS MAIL CERTIFICATE

 Express Mail Label No. EL744182796US

 Date of Deposit: February 22, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Director of the Patent and Trademark Office, Washington, D.C. 20231.

KATHY L. PAULINO

(Name of person mailing paper/fee)

Kathy L Paulino
 (Signature of person mailing paper or fee)